

Message Text

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ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NRC-05 NSAE-00 USIA-06

TRSE-00 EUR-12 ERDA-05 ISO-00 MC-02 ACDA-05 OES-03

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P 091815Z MAR 76

FM USMISSION OECD PARIS

TO SECSTATE WASH DC PRIORITY 1003

C O N F I D E N T I A L OECD PARIS 07092

EXCON

E.O. 11652: XGDS1

TAGS: ESTC, COCOM, FR, UR, US

SUBJ: FRENCH UNCOOLED PARAMETRIC AMPLIFIERS TO USSR -
IL 1521

REFS: (A) OECD PARIS 5700, (B) STATE 52897,
(C) COCOM DOC (76) 353

1. FRENCH DEL HAS RESPONDED TO QUESTIONS POSED REFTEL
B BY STATING THAT PROPOSED PARAMETRIC AMPLIFIER WAS NOT
SPECIALLY DESIGNED FOR SATELLITE COMMUNICATIONS.
THE USSR HAS AUTHORITY USE THIS RANGE (7.250 TO 7.750
GHZ) FOR MICROWARE RADIO LINKS UNDER GENEVA ACCORD. THE
30DB GAIN OF AMPLIFIER IS TOO LOW FOR USE SATELLITE
RECEPTION WHICH WOULD NEED AT LEAST 50 DB. THE NOISE
TEMPERATURE I.E. 120 DEGREES K, IS HIGH AND CAN IN FACT
REACH 150 DEGREES K WHEREAS FOR EARTH STATION ONE WOULD
NEED MUCH LOWER NOISE TEMPERATURE I.E. 14 TO 15 DEGREES
K.

2. FRENCH DEL ALSO NOTED THAT EQUIPMENT PROPOSED IN REF
CASE C DOES NOT CONTAIN COMPLEX EQUIPMENT INCLUDED IN
US REQUEST COCOM DOC (72) 311. THE FACT THAT THIS TYPE
OF COMPLEX EQUIPMENT WILL NOT BE PROVIDED AND THE
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GENERALLY POOR RESULTS THAT THE PROPOSED EQUIPMENT

WOULD PROVIDE IN SATELLITE COMMUNICATIONS INDICATE
THERE IS NO REASONABLE RISK OF DIVERSION TO STRATEGIC
USES, HE CONCLUDED.

3. ALTHOUGH REFCASE C BEING RESCHEDULED FOR COCOM
MEETING MAR 23 FRENCH DEL HAS UNDERSCORED URGENCY
ATTACHED TO APPROVAL AND HAS REQUESTED FINAL US VIEWS
ASAP.

4. ACTION REQUESTED: US VIEWS ASAP.
TURNER

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NNN

Message Attributes

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